

# Technical Manual

# Primus 250



## ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance 8Ω
- Max Amp Power 150 watts\*
- Frequency Response 49Hz – 20kHz (±3dB)
- Sensitivity 92dB (2.83V @ 1 meter)
- Crossover Frequency 2,500Hz; 24dB/Octave

## SYSTEM COMPONENTS:

- Cabinet Primus 250 (Not for Sale)
- Grille, Black 244-050-00260B
- Grille, Gray 244-050-00260G
- Low-Frequency Transducer Dual 5-1/4" (130mm) MMD,<sup>TM</sup> magnetically shielded 13PR80BZD-HW01
- DC Resistance 7.5 ohms ±10%
- High-Frequency Transducer 3/4" (19mm) MMD,<sup>TM</sup> magnetically shielded 85DA20AJ-DT02
- DC Resistance 3.1 ohms ±10%
- Crossover Network 013-7500-00755

## AURAL SWEEP TEST SPECIFICATIONS:

- System Aural Sweep Test 6.0V Input 50Hz to 20kHz
- L.F. Aural Sweep Test 5.0V Input 50Hz to 3kHz
- H.F. Aural Sweep Test 2.83V Input 2kHz to 20kHz

## PHYSICAL SPECIFICATIONS:

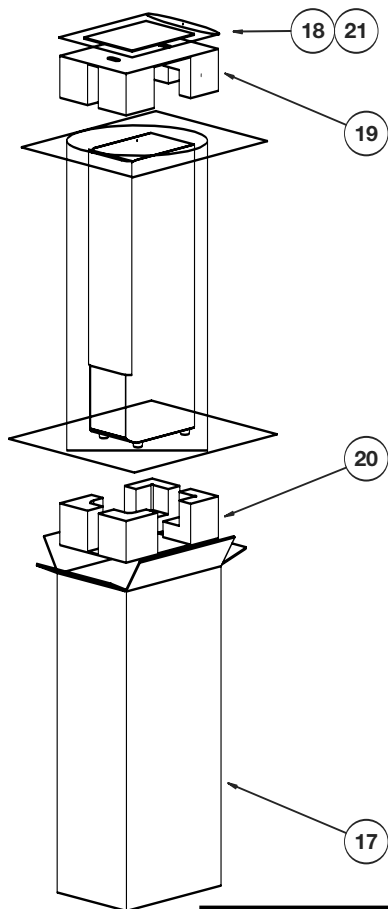
- Dimensions 35-1/2" x 7-3/8" x 11-3/4" (H x W x D) (900mm x 187mm x 300mm)
- Weight 35.3 lb (16kg) Each

## WARRANTY:

- Refer to Warranty Statement packed with each product.

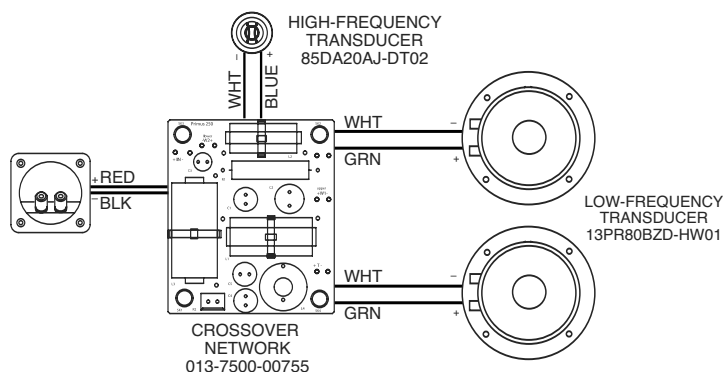
\* The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. We do not recommend sustained operation at these maximum power levels.

## PACKAGING

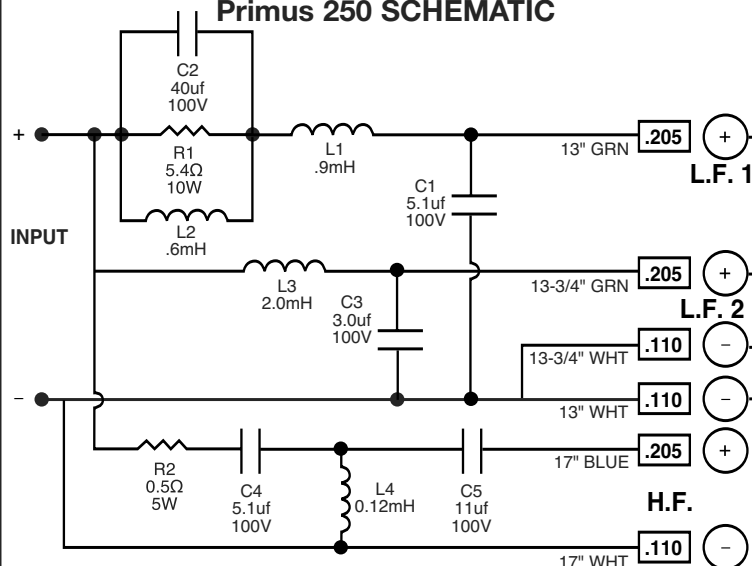


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## Primus 250 WIRING DIAGRAM



## Primus 250 SCHEMATIC

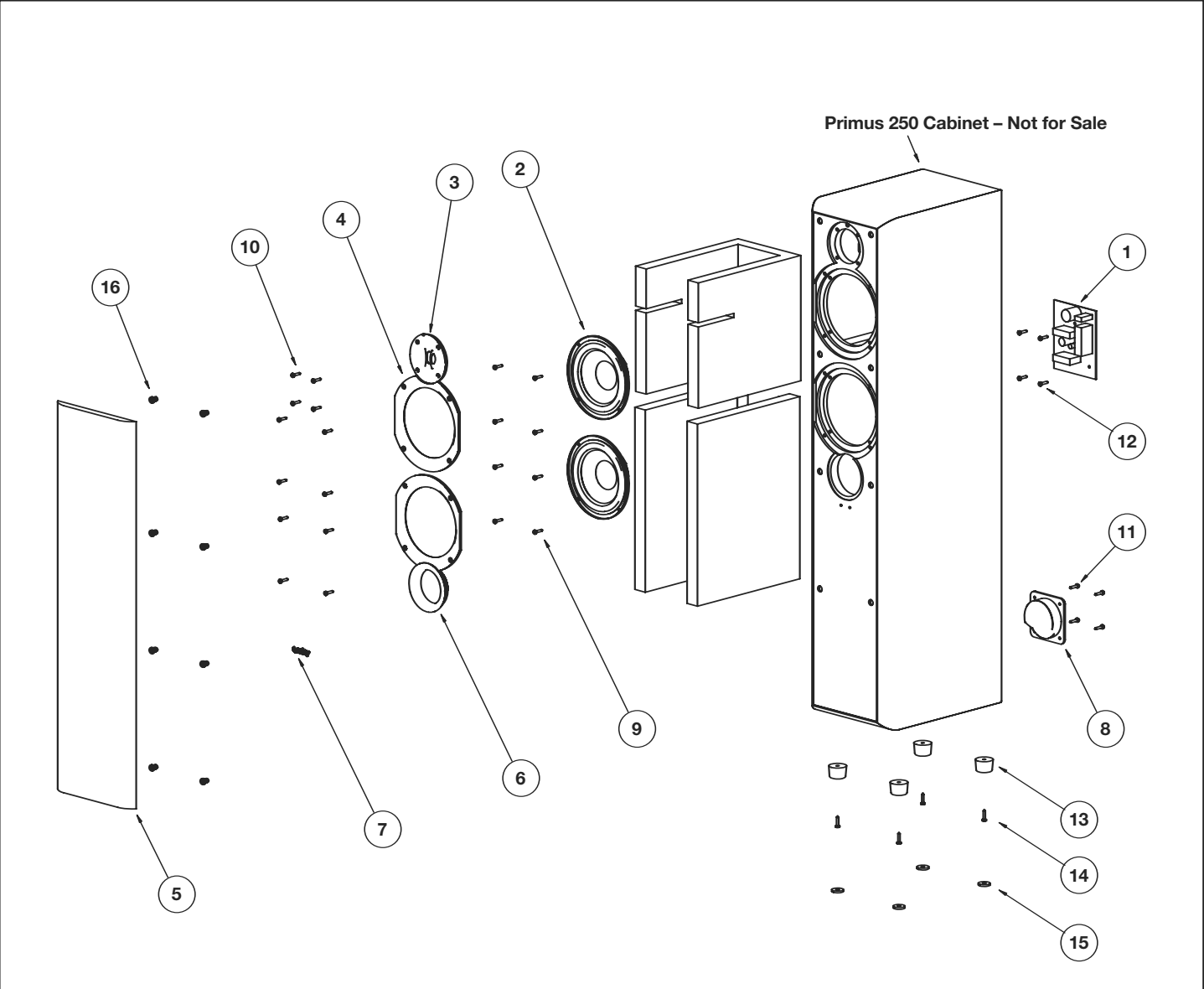


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EXPLODED VIEW



ITEM NO.	DESCRIPTION	QTY.	PART NO.	ITEM NO.	DESCRIPTION	QTY.	PART NO.
1.	Crossover Network	1	013-7500-00755	12.	Network Screw t4*18	4	352-HM04018D497
2.	Woofer	2	13PR80BZD-HW01	13.	Feet	4	320-ABS-00195
3.	Tweeter	1	85DA20AJ-DT02	14.	Foot Screw	4	352-CM04020D202
4.	ABS Plastic Ring 166*121.5*8T	2	213-050-00491	15.	Rubber Footbase	4	320-RUB-00199
5.	Grille 670.9*183*3T Black	1	244-050-00260B	16.	Grille Cup	8	338-RUB-00114
	Grille 670.9*183*3T Gray	1	244-050-00260G	17.	Outer Carton	1	400-000-04521
6.	Port Tube 84.9*18.3	1	249-HIPS-00164	18.	Owner's Manual	1	406-000-01536
7.	ABS Infinity Gold Logo 38.5*11.5	1	316-ABS-00532-2	19.	Foam End Pad (Top)	1	431-000-02176
8.	Network Cup W/Binding Posts	1	317-ABS-00165		Primus 250 400*287*95mm		
9.	Woofer Screw 4*L16 d=7mm	8	352-FM04014D602	20.	Foam End Pad (Bottom)	1	431-000-02177
10.	Faceplate/Tweeter FE Screw T4.5*25	12	352-DM04525D597		Primus 250 400*287*95mm		
11.	Terminal Cup Screw 3.5*L20 d=6mm	4	352-GM03520D850	21.	Warranty Card	1	405-000-00312

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